Converting Colors

RGB(127, 208, 174)

Have a look what the booklet for RGB(127, 208, 174) contains.

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Color

RGB(127, 208, 174)

Conversions

Conversions Part 1

Format	Color
Hex	7FD0AE
RGB	127, 208, 174
RGB Percent	50%, 82%, 68%
CMY	0.5020, 0.1843, 0.3176
CMYK	0.39, 0.00, 0.16, 0.18
HSL	155°, 46%, 66%
HSV	155°, 39%, 82%
XYZ	38.9483, 52.6798, 48.1598
YIQ	179.9050, -37.3620, -27.7460

Conversions

Conversions Part 2

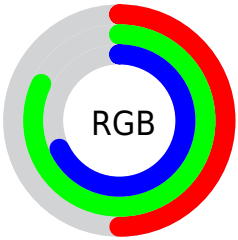
Format	Color
RYB	127, 178, 208
Decimal	8376494
CIELab	77.69, -32.44, 9.14
CIELCh	78, 33.700, 164.258
Yxy	52.6798, 0.2786, 0.3769
Android (android.graphics.Color)	4286566574 (0xFF7FD0AE)
YUV	179.9050, -2.9112, -46.3977
Hunter-Lab	72.5808, -31.2300, 11.4657

Details

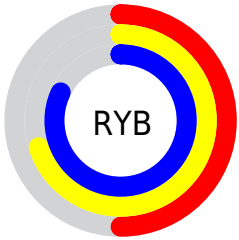
The RGB color 127, 208, 174 is a light color, and the websafe version is hex 66CC99. A complement of this color would be 208, 127, 161, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 183, 255, 229, and 73, 153, 122 is the 20% darker color. If you saturate the color by 10%, you get 106, 208, 165, and if you desaturate by 10%, it is 148, 208, 183.

Distribution

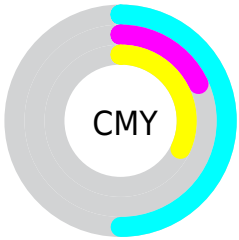


- Red (50%)
- Green (82%)
- Blue (68%)



- Red (50%)
- Yellow (70%)
- Blue (82%)

- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 208, 174 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 127, 208, 174 by changing the saturation by 10% instead.

127, 208, 174

255, 255, 255

183, 255, 229

211, 255, 255

240, 255, 255

127, 208, 174

100, 180, 147

73, 153, 122

45, 127, 97

8, 101, 73

0, 77, 50

0, 53, 29

0, 34, 4

0, 0, 0

127, 208, 174

127, 208, 174

106, 208, 165

85, 208, 157

65, 208, 148

44, 208, 139

23, 208, 130

2, 208, 122

0, 208, 121

148, 208, 183

169, 208, 191

189, 208, 200

210, 208, 209

231, 208, 218

252, 208, 226

255, 208, 235

255, 208, 244

255, 208, 253

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

164, 203, 146

127, 208, 174

96, 209, 206

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

127, 208, 174

173, 190, 252

249, 174, 150

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

127, 208, 174

208, 127, 161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

254, 169, 178

127, 208, 174

215, 179, 237

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

127, 208, 174

126, 200, 251

243, 170, 210

228, 184, 132

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

127, 208, 174

89, 208, 226

243, 170, 210

252, 172, 158

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

127, 208, 174

224, 255, 242

162, 208, 127

110, 128, 120

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

127, 208, 174

135, 255, 205

127, 203, 208

94, 105, 100

0, 168, 98

0, 41, 24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

208, 127, 161

255, 135, 185

208, 132, 127

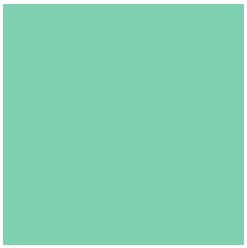
105, 94, 98

168, 0, 71

41, 0, 17

Previews

White Background

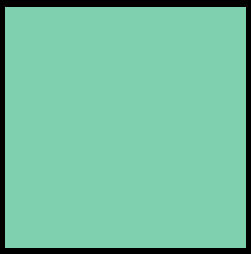


This preview shows how the RGB color 127, 208, 174 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



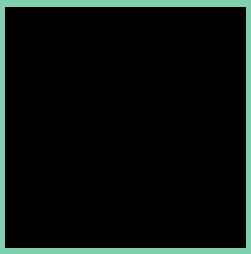
This preview shows how the RGB color 127, 208, 174 looks on a black background.

Color Contrast Check

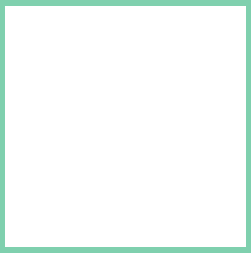
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 127, 208, 174 Background



This preview shows how black text looks on a background with the RGB color 127, 208, 174.



This preview shows how white text looks on a background with the RGB color 127, 208, 174.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

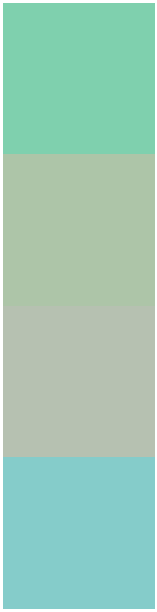
Original Color
127, 208, 174

Protanopia
200, 190, 165

Deuteranopia
214, 184, 179

Tritanopia
137, 202, 218

Trichromacy



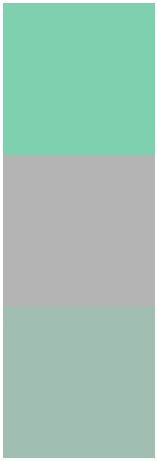
Original Color
127, 208, 174

Protanomaly
173, 197, 168

Deuteranomaly
182, 193, 177

Tritanomaly
133, 204, 202

Monochromacy



Original Color
127, 208, 174

Achromatopsia
180, 180, 180

Achromatomaly
161, 190, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 208, 174 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(127, 208, 174) looks like.

```
.text, #text, p{
    color:rgb(127, 208, 174)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(127, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 208, 174) }
```

Border

The CSS property to change the border of an element to RGB 127, 208, 174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 208, 174) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 208, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 208, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 208, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 208, 174); box-shadow:4px 4px 4px 4px rgb(127, 208, 174) }
```

Background

The CSS property to change the background color of an element to RGB 127, 208, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 208, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(127,
208, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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